MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JULY, 1934

J. A. BROWN, DIRECTOR

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JULY 1934

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.8	56.3	56.3	56.5	30.3	21.2	26.8	29.6	30.2	28.9
2	6.8	6.3	5.6	6.2	31.3	22.3	27.3	30.3	25.1	27.6
3	5.2	4.3	4.5	4.7	30.8	23.8	27.9	30.6	24.6	27.7
4	4.7	4.5	4.9	4.7	30.7	25.6	27.6	29.6	25.0	27.4
5	5.6	5.7	6.1	5.8	30.7	25.1	27.7	27.4	24.4	26.5
6	56.5	56.9	55.9	56.4	30.4	22.2	26.9	29.9	25.5	27.4
7	5.0	3.9	3.9	4.3	32.3	22.7	27.8	28.3	25.9	27.3
8	2.3	2.1	2.0	2.1	31.8	22.7	28.6	31.3	25.4	28.4
9	1.9	2.3	2.8	2.3	31.7	23.4	28.3	30.6	25.6	28.2
10	4.6	4.4	5.0	4.7	31.3	22.7	28.3	27.2	25.4	27.0
11	55.5	55.6	56.3	55.8	31.3	22.3	27.9	27.8	24.9	26.9
12	6.5	6.3	6.4	6.4	30.8	22.4	28.2	27.1	25.4	26.9
13	6.7	7.0	7.4	7.0	31.3	22.3	27.7	30.9	25.3	28.0
14	7.2	6.8	6.6	9.6	31.4	22.3	28.2	30.8	25.6	28.2
15	5.7	4.9	5.1	5.2	32.0	23.2	28.5	31.6	26.4	28.8
16	55.1	54.5	54.9	54.8	32.1	23.3	28.5	30.7	26.5	28.6
17	4.7	4.7	4.3	4.6	32.9	25.2	28.6	31.9	27.3	29.3
18	4.1	3.9	4.7	4.2	33.1	24.1	29.2	32.4	26.9	29.5
19	5.9	6.3	7.3	6.5	31.3	24.0	28.8	30.9	26.0	28.6
20	7.7	7.7	8.3	7.9	32.2	23.3	28.2	31.1	26.1	28.4
21	58.0	57.1	56.5	57.2	31.4	24.1	28.9	29.6	25.8	28.1
22	5.3	4.0	4.1	4.5	31.4	23.3	30.3	31.1	26.9	29.4
23	3.7	3.1	3.5	3.4	32.9	25.2	29.5	32.4	27.4	29.8
24	4.5	4.6	4.8	4.6	33.8	24.4	27.9	33.1	27.7	29.6
25	5.2	4.5	3.9	4.6	33.3	24.4	27.6	32.7	27.4	29.2
26	52.5	52.1	52.1	52.2	34.2	25.7	29.4	33.8	27.9	30.4
27	1.6	1.3	2.6	1.8	33.1	25.1	29.3	31.8	27.4	29.5
28	3.4	3.4	3.9	3.6	31.8	24.8	28.2	31.0	26.3	28.5
29	3.8	3.9	3.8	3.8	32.3	23.8	29.4	31.6	27.1	29.4
30	3.5	3.3	3.9	3.6	32.9	25.1	26.7	32.5	27.3	28.8
31	4.3	4.6	5.4	4.8	33.3	25.8	30.2	32.7	27.4	30.1
	754.98	754.72	754.93	754.87	31.94	23.73	28.33	30.72	26.32	28.47

Barometer, range for month 751.3 –758.0 mm.

,, 50-yr. average for month 755.697 mm.

Thermometer, Range for month 21.2°—34.2° C.

,, 50-yr. average for month 27.83° C.

Rain, total for month 0.43 m.m.

,, , 50-yr average for month 0.51 mm.

,, , total, Sept. 1st to end of month 610.57 mm.

,, , 50-yr. average, Sept. 1st to end of month 907.05 mm

JULY 1934
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	25.4	23.9	22.1	22.9	17.6	13.3	17.9	88	57	44	63	13.3	
2	23.1	24.9	23.1	17.6	19.1	19.4	18.7	65	59	82	69	12.7	
3	24.2	25.2	21.9	19.4	19.3	17.4	18.7	69	59	76	68	12.8	
4	22.3	22.8	22.1	16.1	15.8	17.4	16.4	58	51	74	61	11.4	
5	22.4	23.3	20.9	16.2	17.9	15.7	16.6	59	66	69	65	12.9	
6	22.6	25.0	23.1	17.0	19.5	19.0	18.5	64	62	78	68	12.5	
7	24.7	26.2	24.4	22.3	23.1	21.3	22.2	74	81	86	80	13.4	
8	24.7	25.6	22.6	19.8	19.6	18.0	19.1	68	57	74	66	13.1	
9	20.4	22.0	22.8	12.8	14.0	18.4	15.1	44	42	75	54	13.7	
10	23.4	23.8	21.6	17.9	19.1	16.3	17.8	64	71	68	68	12.5	
11	22.8	24.1	22.1	17.2	19.3	17.5	18.0	63	70	74	69	12.9	
12	23.6	21.3	22.5	18.0	14.8	17.9	16.9	63	55	74	64	13.0	
13	23.9	25.3	23.2	18.8	19.3	19.3	19.1	68	58	81	69	13.3	
14	24.7	25.6	23.7	20.0	19.9	20.1	20.0	71	59	82	71	13.2	
15	25.0	26.1	24.4	20.4	20.6	21.0	20.7	71	59	82	71	13.3	
16	25.4	26.6	25.1	21.2	22.2	22.3	21.9	74	68	87	76	13.3	
17	26.2	27.4	25.8	22.9	22.9	23.3	23.0	79	65	87	77	13.0	
18	26.1	27.6	25.2	22.4	22.9	22.3	22.5	74	63	84	74	13.1	
19	24.4	24.9	22.6	19.1	18.6	17.6	18.5	65	55	70	63	9.9	
20	23.4	24.3	22.5	17.6	17.3	17.4	17.4	62	51	69	61	11.8	
21	22.9	24.2	22.3	16.2	18.1	17.2	17.2	55	59	69	61	10.7	
22	23.9	25.6	24.4	17.0	19.8	20.5	19.1	50	58	78	62	11.6	
23	25.5	27.2	25.4	20.8	22.2	22.2	21.7	68	61	82	70	12.9	
24	25.8	27.4	24.5	22.7	22.2	20.1	21.7	81	58	73	71	13.3	
25	25.3	27.8	24.1	22.0	23.2	19.4	21.5	80	63	71	71	13.0	
26	26.6	27.4	25.6	23.3	22.0	22.3	22.5	76	54	80	70	12.7	
27	24.9	27.1	24.6	19.8	22.1	20.5	20.8	66	63	76	68	12.0	
28	23.3	24.0	22.8	17.5	16.9	17.9	17.4	61	51	69	60	10.9	0.42
29	24.1	25.4	24.4	18.1	19.1	20.4	19.2	59	54	78	64	12.9	
30	25.6	26.8	24.9	23.2	21.3	21.3	21.9	90	58	79	76	13.0	
31	25.9	26.9	25.2	21.1	21.3	21.9	21.5	65	58	81	68	12.7	
	24.27	25.35	23.55	19.40	19.71	19.31	19.47	67.6	59.5	75.9	67.7	12.57	0.01

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	1cu	0	0	0.3	1sw	2w	0	244.6	slight	
2	0	0	0	0.0	0	2w	1sw	255.0	light	
3	0	1cu	3cu	1.3	2sw	1w	0	506.9	„	
4	1cu	1cu	3cu	1.7	2w	2w	0	309.0	„	
5	1cu	1cu	0	0.7	1nw	1n	0	99.8	slight	
6	2cu	0	0	0.7	1nw	0	0	33.8	„	
7	2cu	1cu	0	1.0	1w	1sw	1sw	320.3	„	
8	1cu	1cu	0	0.7	3s	3w	1nw	677.5	„	
9	0	2cu	0	0.7	2nw	1sw	1sw	544.0	light	
10	0	0	0	0.0	3w	1sw	0	440.9	„	misty hor. in a.m.
11	1ci	1cu	1cu	1.0	1w	3w	0	413.6	slight	
12	2cu	1cu	1cu	1.3	1sw	1nw	0	202.7	light	
13	1cu	1cu	0	0.7	1nw	1w	0	180.2	slight	
14	1cu	0	0	0.3	1sw	1w	0	186.7	calm	
15	4cu	0	0	1.3	1w	1sw	0	249.4	light	misty hor. in eve.
16	1cu	0	0	0.3	3sw	1w	0	267.2	calm	
17	2ci	0	0	0.7	1s	1n	0	136.3	slight	„ „ „ a.m.
18	1cu	0	1st	0.7	1sw	4w	2sw	365.3	calm	
19	1cu	8cicu	1cicu	3.3	1sw	3w	1sw	510.2	mod.	
20	1cu	1cu	1cu	1.0	1nw	1w	0	188.3	slight	
21	1ci	6ci	5cu	4.0	1w	1nw	0	183.4	light	
22	6ci	1cu	10cu	5.7	1sw	3w	1sw	254.3	slight	
23	3cu	1ci	0	1.3	1sw	1sw	0	416.8	„	
24	0	0	0	0.0	1w	1nw	0	156.1	„	
25	0	0	0	0.0	1sw	2nw	0	292.9	calm	
26	2ci	0	1ci	1.0	3nw	1nw	2sw	552.0	„	mist in a.m. Gale
27	0	1cu	5cu	2.0	5sw	8sw	1sw	740.3	mod.	
28	4ci	2cu	1ci	2.3	1w	3w	0	400.7	„	
29	1ci	2ci	4cu	2.3	0	3nw	0	183.4	light	
30	2cu	3ci	0	1.7	2w	1w	0	410.3	„	
31	2cu	1ci	0	1.0	2sw	2w	0	416.8	„	
				1.26	1.5	1.8	0.4	327.06		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	2	12	9	6	2	31
14:30	2	0	0	0	0	6	16	6	1	31
20:30	0	0	0	0	0	8	0	1	22	31
Totals	2	0	0	0	2	26	25	13	25	93

Number of days with rain 1, fog 0, thunderstorms 0, gale 1.

50-yr. average number of days with rain during month 0.2